

## 安徽苔草属一新组及一新种

苏宋旺 张青\*

(安徽大学生物系, 合肥)

### A NEW SECTION AND A NEW SPECIES OF *CAREX* FROM ANHUI, CHINA

Su Song-wang Zhang Qing

(Department of Biology, Anhui University, Hefei)

**Abstract** One new section and one new species of the genus *Carex* (Cyperaceae) are described from Anhui Province, China. i. e. Sect. *Cyclostyliferae* and *Carex shuchengensis* S. W. Su et Q. Zhang.

**Key words** *Carex*; Sect. *Cyclostyliferae*; *Carex shuchengensis*

**关键词** 苔草属; 环柱组; 舒城苔草

#### 环柱组 新组

Sect. ***Cyclostylatae*** S. W. Su, sect. nov.

(Gen. *Carex* L. Subgen. *Carex*)

Rhizoma crassum obliquum elongatum. Culmus validus, obtuse triqueter, laevis, ad basin vaginis fulvis fissis obtectus. Folia 6—10mm lata, coriacea, rigida. Bractee spathaceae, apice acutae. Spiculae 5—6, remotae, terminalis ♂ claviformis, plerumque longe pedunculata, laterales ♀ cylindricae densiflorae, inferiores exserte pedunculatae; rhachis erecta. Utriculi squamis breviores, ovati, obtuse trigoni, pubescentes, dorso enervi, ventre convexi, praeter carinas plerumque plurinervi, basi breviter stipitati, rostro brevi ore obliquo. Nux obovata trigona stipitata; stylus persistens basi leviter incrassatus et cyclico-tortus; stigmata persistentia 3.

Typus nominis sectionis: *Carex shuchengensis* S. W. Su et Q. Zhang

根状茎粗壮, 斜伸展。秆粗壮, 钝三棱形, 光滑, 基部鞘黄褐色, 分裂成纤维状。叶宽 6—10mm, 质硬。苞片佛焰苞状, 先端急尖。小穗 5—6, 疏远; 顶生小穗雄性, 棍棒状, 通常具长梗; 侧生小穗雌性, 圆柱形, 具密生的花, 下部小穗具伸出的梗; 穗轴直。果胞短于鳞片, 卵状钝三棱形, 疏被白色短毛, 背部无脉, 腹侧凸起, 除两侧肋外通常多脉, 基部具短柄, 喙短, 口部斜切; 小坚果倒卵状三棱形, 具短柄; 花柱基部稍增厚, 呈环状扭曲, 宿存; 柱头 3, 宿存。

\* 安徽大学毕业生, 现在蚌埠市第一麻纺织厂工作。

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## 舒城苔草 新种 图 1



图1 舒城苔草 *Carex shuchengensis* 1.植株 plant; 2.秆上部 upper part of culm; 3.雄花鳞片 scale of staminate flower 4.雌花鳞片 scale of pistillate flower; 5.果胞 utricle; 6.小坚果 nut. (刘宁侯绘)

**Carex shuchengensis** S. W. Su et Q. Zhang, sp. nov.

Species *C. pediformis* C. A. Mey proxima, sed plantis altioribus, culmis validis; foliis culmos superantibus 6—10 mm latis rigidis; spiculis ♂ et ♀ longioribus; stylis basi leviter incrassatis et cyclico-tortis valde differt.

Rhizoma crassum, lignosum, obliquum, elongatum. Culmus centralis validus, obtuse triqueter, laevis, 30—45 cm altus, ad basin vaginis fulvis fissis obtectus. Folia culmum superantia, 6—10 mm lata, pallide viridia, coriacea, rigida, marginibus scabra. Spiculae 5—6 remotae, terminalis ♂ claviformis, 7—8 cm longa, 5—7 mm lata, flavida, plerumque longe pedunculata, laterales ♀ cylindricae, 3.5—5 cm longae, c. 5 mm latae, densiflorae, prope basin laxiflorae, attenuatae, superiores ei ♂ subapproximatae, incluse inferiores exserte pedunculatae, erectae, laeves. Bractee spathaceae, rubiginosae, marginibus albo-hyalinae, apice acutae. Squamae ♀ oblongo-ovatae, apice acutae, c. 4 mm longae, dorso virides, 3-nerviae, utrinque rubro-brunneae, marginibus albo-hyalinae. Utriculi squamis breviores, ovati, obtuse trigoni, virides, c. 3 mm longi, pubescentes, dorso enervi, ventre convexi, praeter carinas plerumque plurinervi, basi breviter stipitati, apice in rostrum brevem conicum excurvum fulvo-purpureum ore obliquum abrupte contracti. Nuchla obovata, trigona, c. 3 mm longa, stipitata; stylus persistens basi leviter incrassatus et cyclico-tortus: stigmata persistentia 3, brevia.

Anhui (安徽): Shucheng (舒城), Xiaojianchong (小涧冲) 1987. 04. 21. S. W. Su (苏宋旺) et Q. Zhang (张青) 87130 (Type, deposited in Herb. Department of Biology, Anhui University), 87134.

根状茎木质, 粗壮, 斜伸展。秆中生, 粗壮, 钝三棱形, 光滑, 高 30—45 cm, 基部鞘黄褐色, 分裂成纤维状。叶长于秆, 宽 6—10 mm, 灰绿色, 质硬, 边缘粗糙。小穗 5—6, 疏远, 顶生小穗雄性, 棍棒状, 长 7—8 cm, 宽 5—7 mm, 淡黄色, 通常具长花序梗; 侧生小穗雌性, 圆柱形, 长 3.5—5 cm, 宽约 5 mm, 具密生的花, 而近小穗基部的花稍疏生, 穗轴直, 上部的小穗稍接近雄小穗, 具内藏的花序梗, 下部的小穗具光滑、伸出的花序梗; 苞片佛焰苞状, 红褐色, 边缘白色透明, 先端急尖; 雌花鳞片矩圆卵形, 先端急尖, 长约 4 mm, 背部绿色, 3 脉, 两侧红褐色, 边缘白色透明; 果胞短于鳞片, 卵状钝三棱形, 疏被白色短毛, 背侧无脉, 腹侧凸起, 除两侧肋外通常多脉, 至少在下部稍隆起, 基部具短柄, 顶端急收缩为圆锥状略外弯的淡紫色短喙, 口部斜切; 小坚果倒卵状三棱形, 基部渐狭具短柄, 长约 2 mm; 花柱基部稍增厚, 呈环状扭曲, 宿存; 柱头 3, 短, 宿存。

本种与柄状苔草 *Carex pediformis* C. A. Mey 接近, 但植物体稍高, 秆粗壮; 叶明显长于秆, 宽 6—10 mm, 质硬; 雄、雌两种小穗均较长; 花柱基部稍增厚, 呈环状扭曲而明显不同。